magicolor® 2200 Family
Maintenance Guide

1800626-001C

Dear magicolor 2200 User:

Thank you for purchasing a magicolor 2200. Place this *Maintenance Guide* near the printer for quick information.

For technical support: www.minolta-qms.com, and then click on 24-Hour On-line Help. The Answer Base (the dancing sun icon) helps you locate the information you need by asking you questions. You can also refer to the magicolor 2200 installation and user's guide for further information.

= Dispose of used consumables properly according to your local regulations. Do not dispose of them by burning.

= Keep dry

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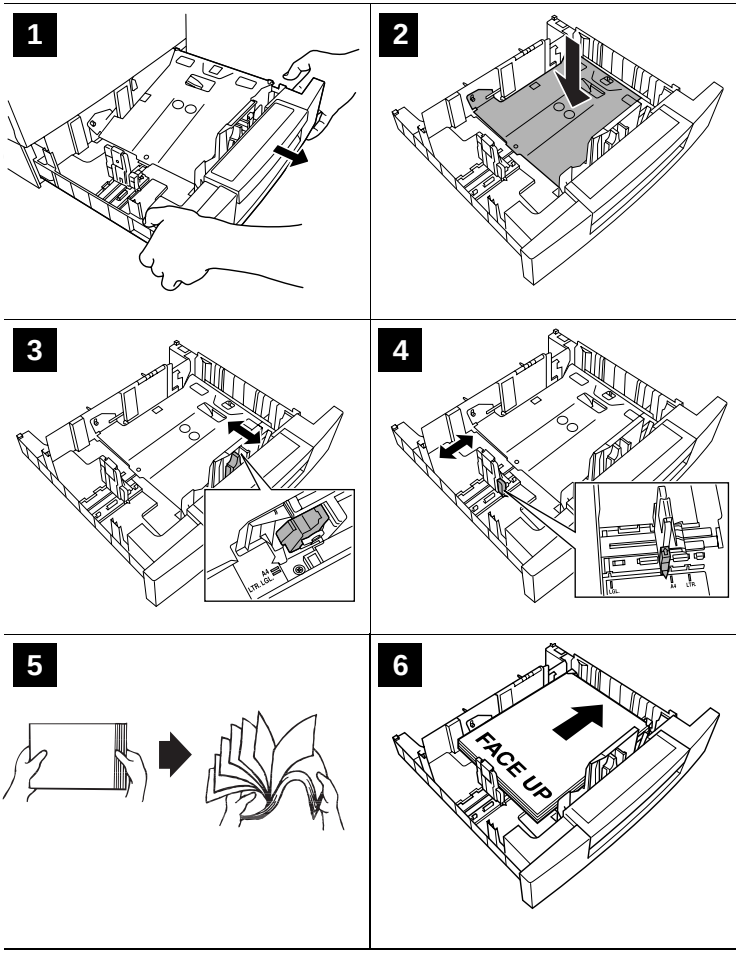
Media Specifications

All media is fed short edge first. There is a 0.157 inch (4 mm) non-print border for all edges on all media types.

Media Type	Media Size		Input*	Output	Auto-duplex**
	Inches	Millimeters			
A4	8.2 x11.7	210.0x297.0	U/L/M	Top/ Mailbox	Yes
A4 Transparency	8.2x11.7	210.0x297.0	U/L/M	Top	No
A5	5.8x8.3	149.0x210.0	M	Top	No
B5 (ISO) Envelope	6.9x9.8	176.0x250.0	M	Top	No
B5 (JIS)	7.2x10.1	182.0x257.0	M	Top	No
C5 Envelope	6.4x9.0	162.0x229.0	M	Top	No
C6 Envelope	4.5x6.4	114.0x162.0	M	Top	No
Com 10 Envelope	4.1x9.5	105.0x241.3	M	Top	No
DL Envelope	4.3x8.7	110.0x220.0	M	Top	No
Executive	7.3x10.5	184.0x267.0	M	Top	No
Folio	8.5x13.0	215.9x330.0	M	Top	Yes
Foolscap	8.0x13.0	203.0x330.0	M	Top	Yes
Japanese Postcard	3.9x5.8	100.0x148.0	M	Top	No
Legal	8.5x14.0	215.9x355.6	U/L/M	Top	Yes
Letter	8.5x11.0	215.9x279.4	U/L/M	Top/ Mailbox	Yes
Letter Transparency	8.5x11.0	215.9x279.4	U/L/M	Top	No
Monarch Envelope	3.9x7.5	98.4x190.5	M	Top	No
SP Folio	8.5x12.4	215.9x315.0	M	Top	Yes
Statement	5.5x8.5	140.0x215.9	M	Top	No
UK Quarto	8.0x10.0	203.0x254.0	M	Top	Yes
Notes:	*U = Upper media tray (500 sheet) L = Lower input feeder media tray (500 sheet) M = Multipurpose tray (150 sheet) **An optional duplex unit can be added to the DeskLaser, N, GN, and EN models. Only plain paper can be duplexed.				

Loading Media—Upper and Optional Trays



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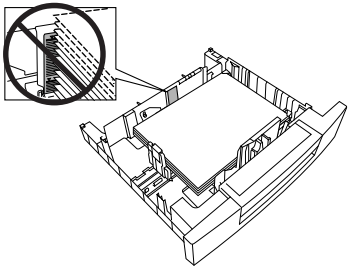

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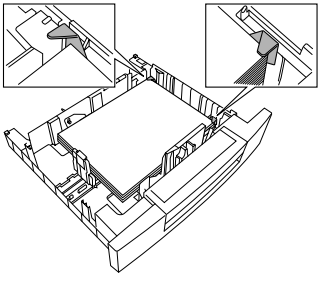

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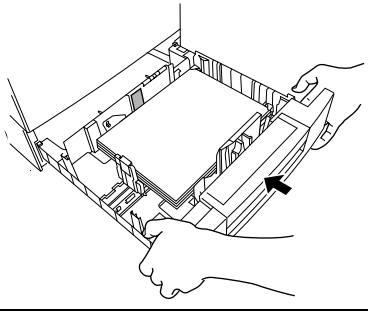
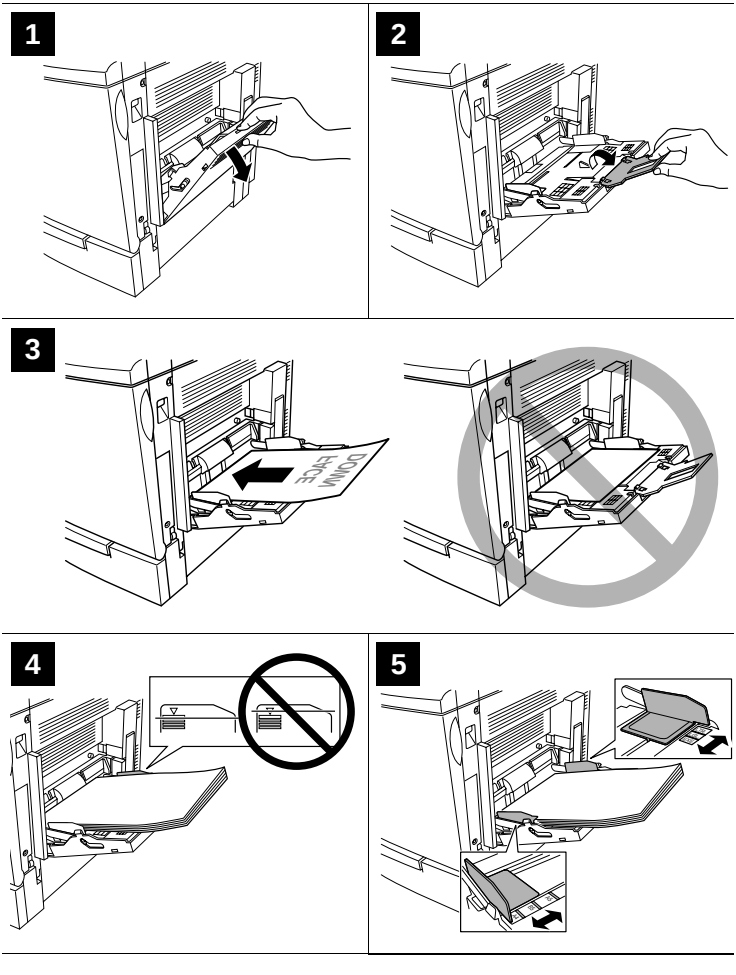
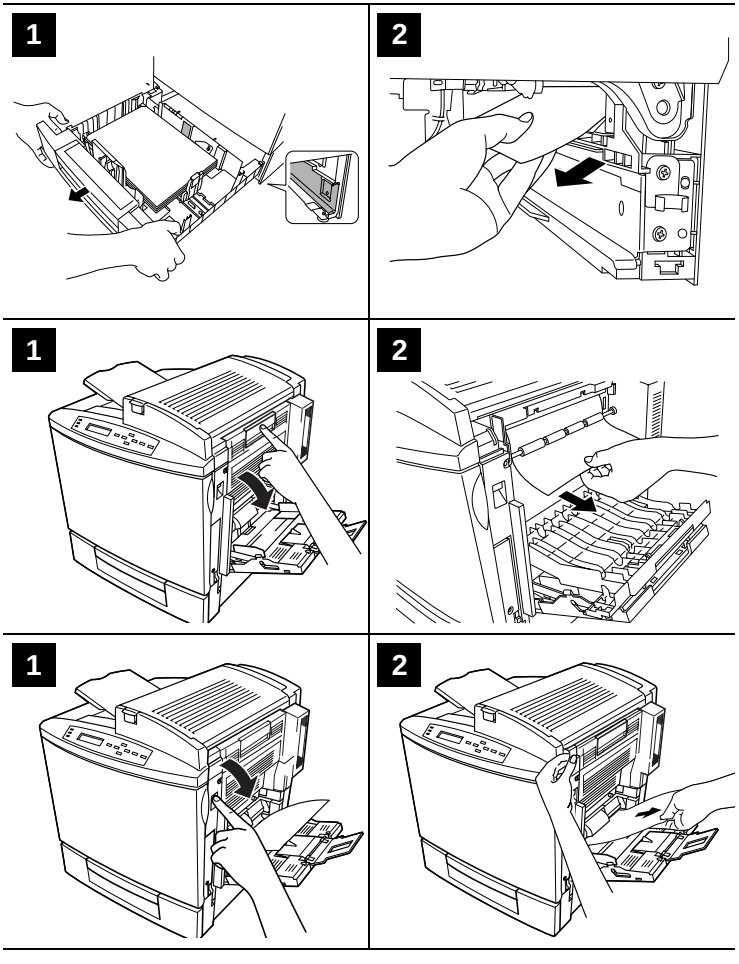


Multipurpose Tray



Clearing Media Jams



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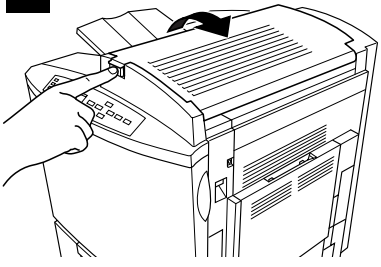

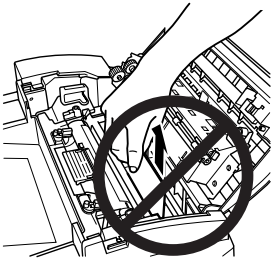

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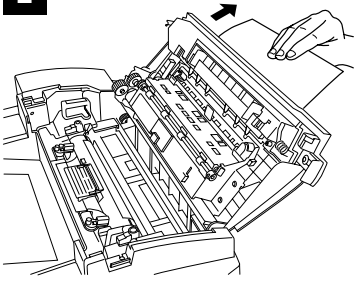

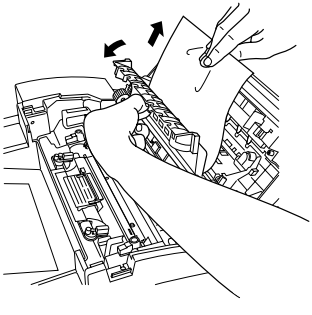

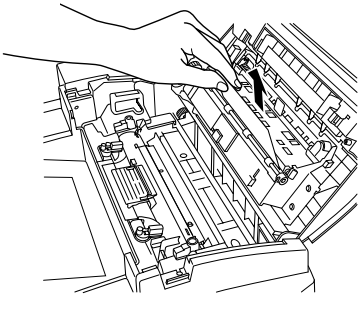

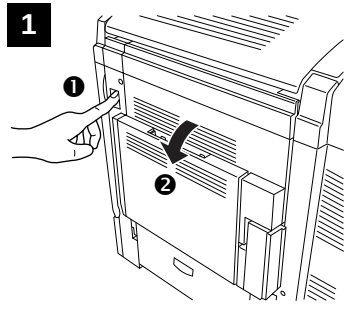
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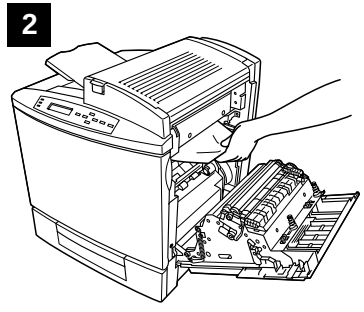
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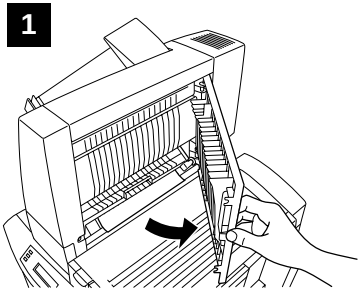
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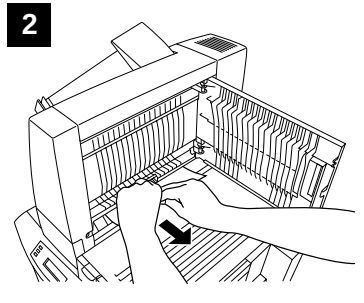
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Maintenance Schedule

The stated life expectancy of each consumable is based on printing under specific operating conditions, such as media type, number of color planes, page size, and 5% page coverage of letter/A4-size media. The actual life expectancy will vary depending on these and other printing variables, including continuous (optimal consumable life) or intermittent printing, ambient temperature, and humidity. Intermittent printing (for example, one-page jobs) will reduce consumable yields stated below.

User replaces...	**After...**
Fuser oil roller	`FUSER OIL LOW`, `FUSER OIL EMPTY`, or `REPLACE OIL ROLLER` displays in the message window (after up to 21,000 single-sided continuous monochrome or 7,500 continuous color pages, or 7,000 intermittent monochrome or 5,000 intermittent color pages). Heavy coverage, intermittent printing, and different media types can use up oil at an accelerated rate, reducing fuser oil roller life.
Fuser unit/transfer roller kit	`REPLACE FUSER` displays in the message window (after 100,000 single-sided pages maximum at an equal mix of black and 4-color pages, all with 5% coverage of each color; however, fuser unit life is coverage and media dependent).
OPC drum kit (OPC drum cartridge, laser lens cover, and waste toner pack)	`REPLACE DRUM`, `CHECK WASTE TONER`, `WASTE TONER NEAR FULL`, or `REPLACE WASTE TONER` displays in the message window (up to 30,000 continuous monochrome or 7,500 continuous four-color pages, or 10,000 intermittent monochrome or 5,000 intermittent color pages). Other factors also affect cartridge life.
Toner cartridge	<*COLOR*> `TONER EMPTY` displays in the message window (after approximately 6,000 single-sided pages per cartridge—black, yellow, magenta, cyan at 5% coverage of each color).
Transfer belt	`REPLACE TRANSFER BELT` displays in the message window (after 107,000 pages continuous monochrome or 33,000 continuous color pages, or 44,000 intermittent monochrome or 23,000 intermittent color pages).

Error Messages

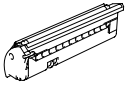
Frequent jams in any area indicate that the area should be checked, repaired, or cleaned. Repeated jams will also happen if you're using the wrong weight print media.

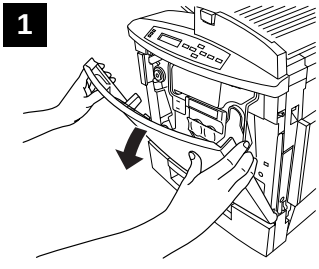
Error Message	Problem	Solution
<*X*> TONER MISSING	The indicated cartridge is not installed correctly.	Reinstall the toner cartridge(s).
<*X*> TONER LOW	The indicated cartridge is low. There is still enough toner for approximately 100 letter/A4 pages (at 5% coverage) before the printer stops.	Redistribute the toner in the cartridge, or replace the cartridge.
<*X*> TONER EMPTY	The indicated cartridge is empty.	Replace the toner cartridge.
MEDIA JAM OPTIONAL TRAY	Tray jams occur between the standard upper or optional tray and the print engine. A misfeed jam may be as simple as a sheet of media not being picked, or it may be that the media was picked but not fed properly.	Locate and remove the jam.
MEDIA JAM UPPER TRAY		
PAPER MISMATCH	The media detected in the tray doesn't match the media size setting.	Change the media in the tray or change the media size setting.
PUT <*x*> IN INPUT BIN	Refill the input tray with the specified media.	Refill the tray with the specified type media.
<X> LIFE LOW	The specified item is near end of life, such as the fuser.	Replace the specified item.

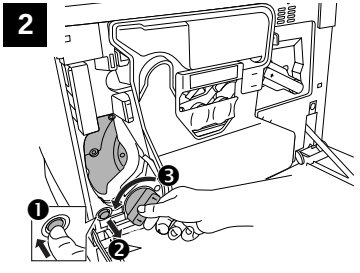
Error Message	Problem	Solution
MEDIA JAM MPT	MPT jams occur in the multi-purpose tray.	Locate and remove the jam.
MEDIA JAM EXIT	Exit jams occur in the media eject area.	
MEDIA JAM DUPLEX	Duplex jams occur in the duplex area or duplex refeed area on the models with duplex units installed.	
MEDIA JAM FUSER	Fuser jams occur in the fuser area.	
MEDIA JAM TRANSFER	Transfer jams occur in the transfer roller area. This type of jam means that the media did not make it to the paper exit area.	
MEDIA JAM MAIL BIN	Mail bin jams occur if the media is jammed in the 5-bin mailbox on the models with the 5-bin mailbox installed, between the printer and the 5-bin mailbox, in the mailbox eject area, or in the mailbox transport area.	
INPUT BIN JAM	Input bin jams occur in the input bin.	
OUTPUT BIN JAM	Output bin jams occur in the output bin.	
MAIN UNIT COVER OPEN	The specified cover is not closed properly.	Close the cover(s).
MAILBIN COVER OPEN		
UPPER FEED COVER OPEN		
OPTIONAL FEED COVER OPEN		

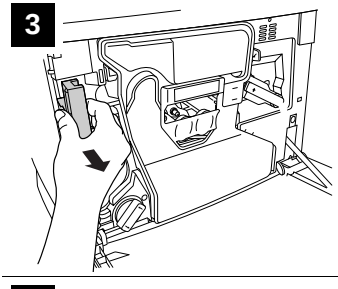
Error Message	Problem	Solution
REPLACE OIL ROLLER	The specified item needs to be replaced.	Replace the specified item.
REPLACE FUSER UNIT		
REPLACE TRANSFER BELT		
REPLACE OPC DRUM		
REPLACE WASTE TONER		
WASTE TONER NEAR FULL	The waste toner pack is nearly filled with toner.	Replace the waste toner pack.
OUTPUT BIN FULL	The media has exceeded the limit in the specified output bin.	Remove the media from the specified output bin.
MAILBIN POWER OFF	The mailbox unit power is off.	Turn off the printer, turn on the mailbox unit, then the turn on the printer.
ENERGY SAVER	Energy Saver has been activated.	No action needed.
SERVICE CALL *X*	*X* is the service number reference.	Place a service call.

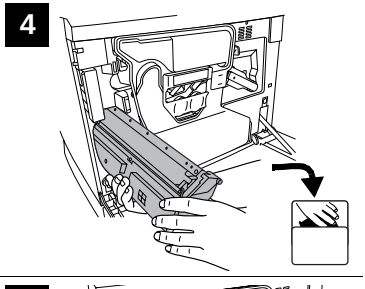
Replacing a Toner Cartridge

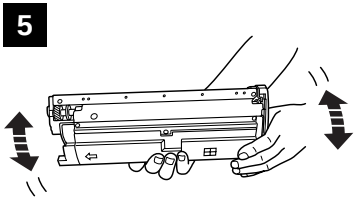


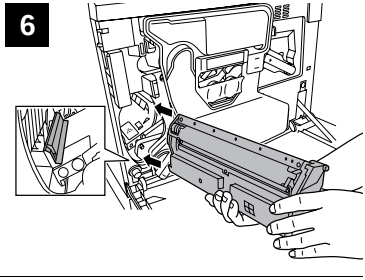




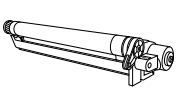


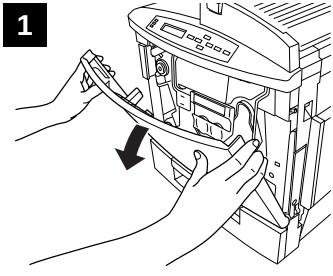


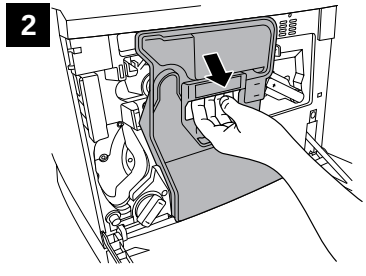


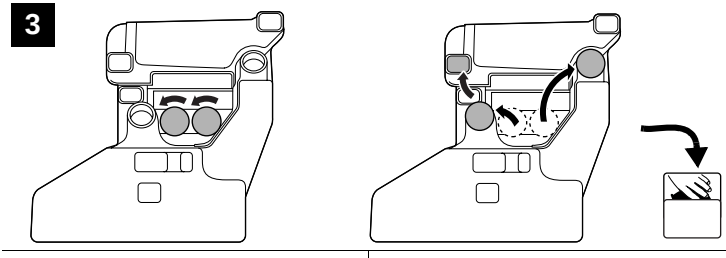


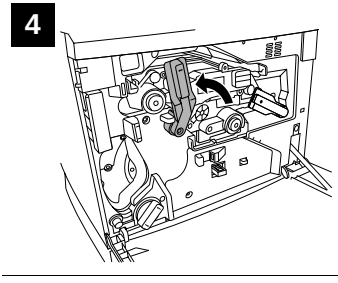
Replacing the OPC Drum, Laser Lens Cover, and Waste Toner Pack Kit

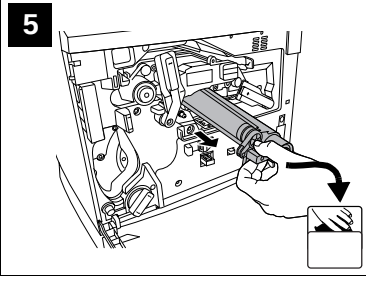












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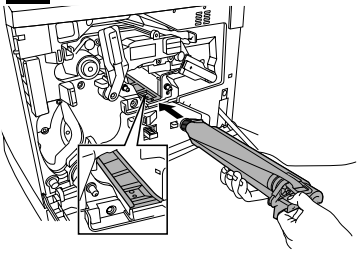

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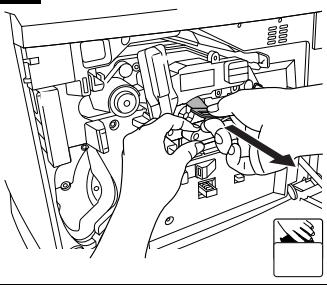

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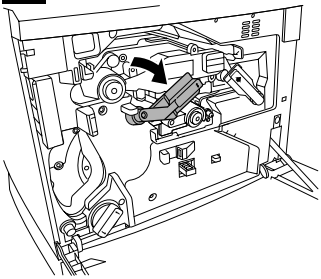

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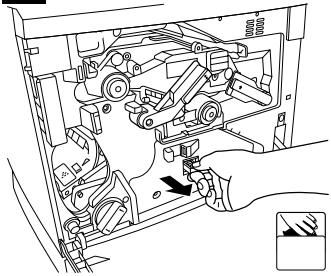

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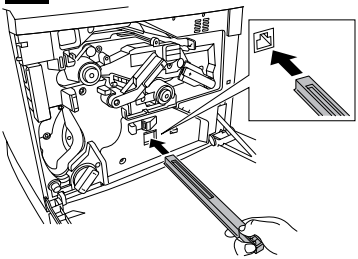

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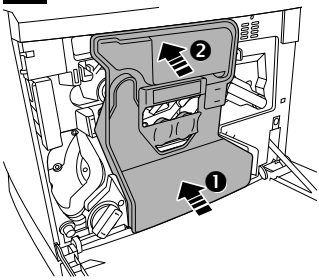
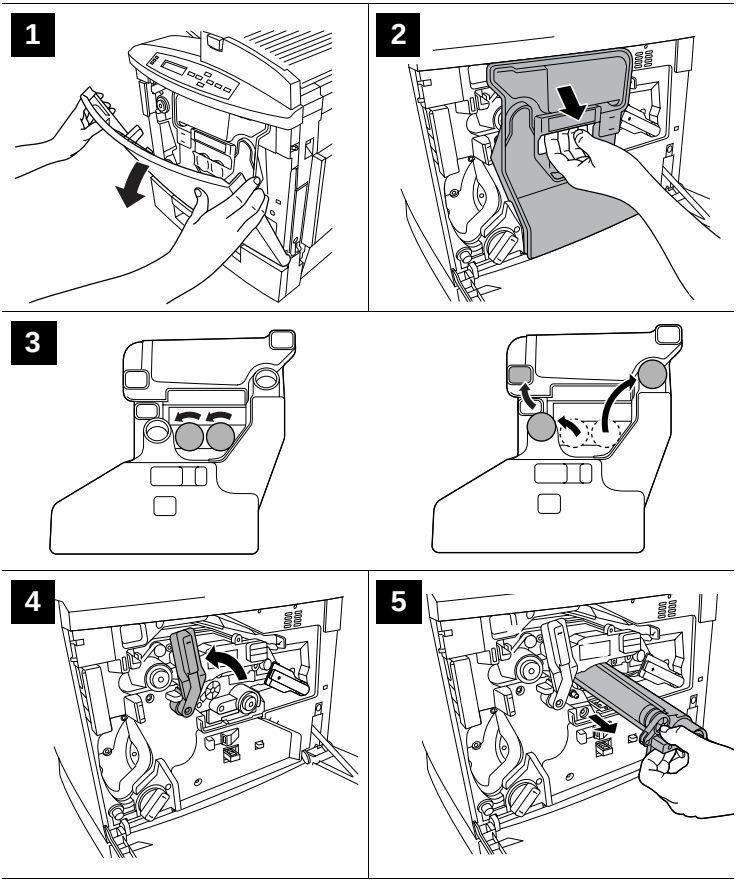
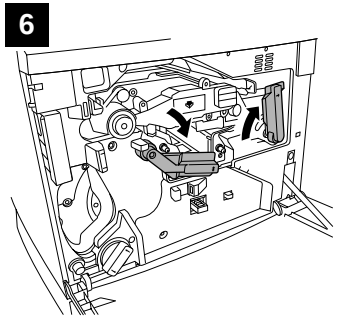


Replacing the Transfer Belt

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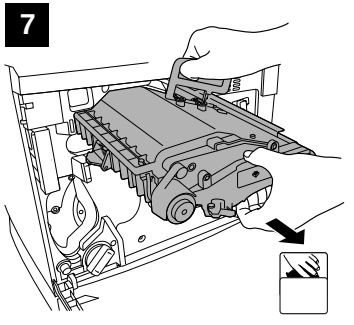
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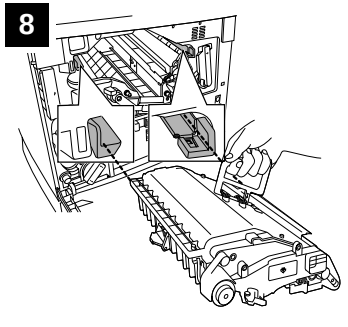
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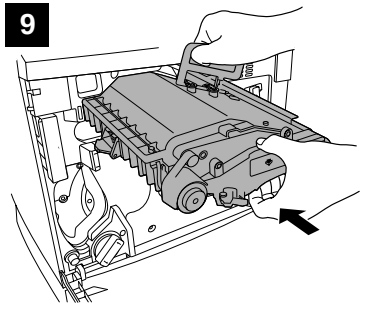
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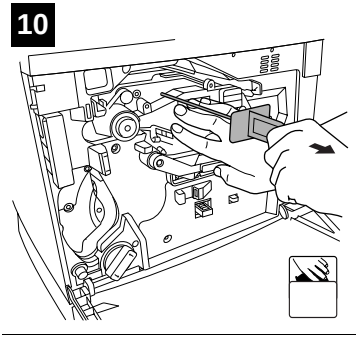
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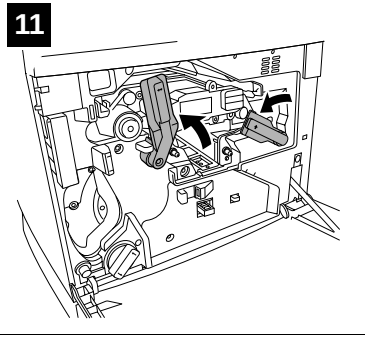
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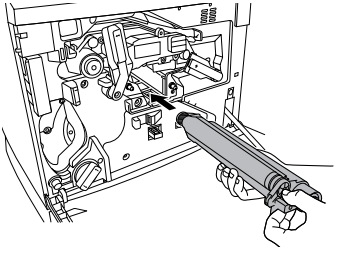

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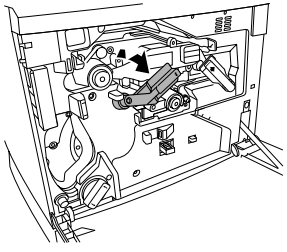

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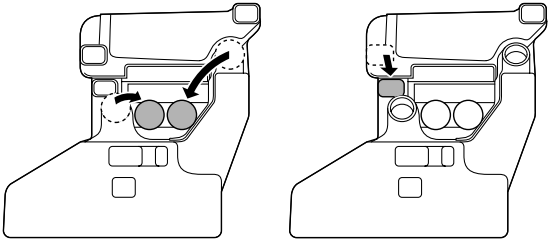

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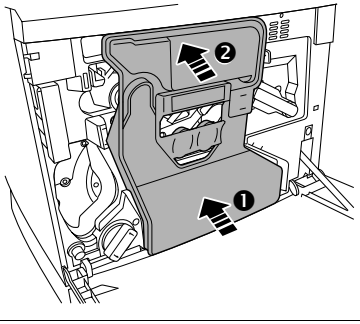
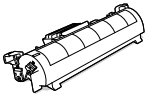
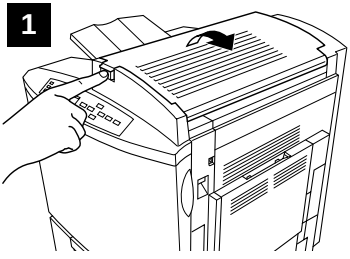
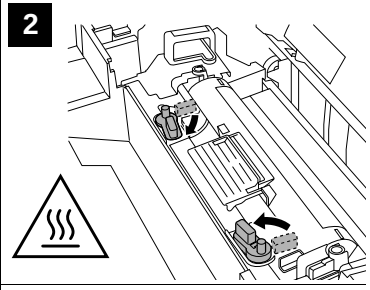
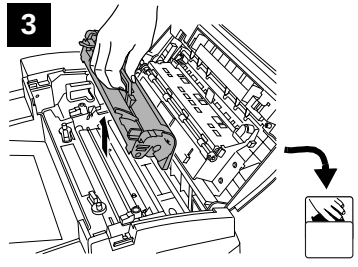


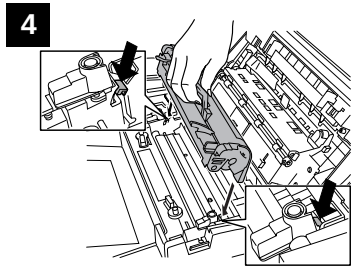
Replacing the Fuser Oil Roller

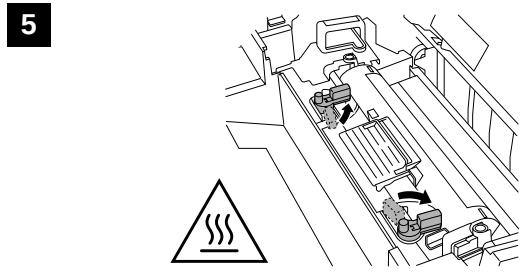




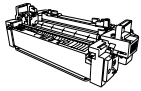








Replacing the Fuser Unit



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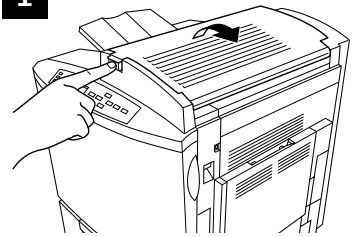

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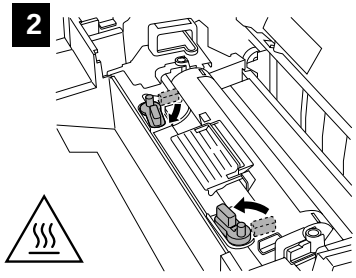

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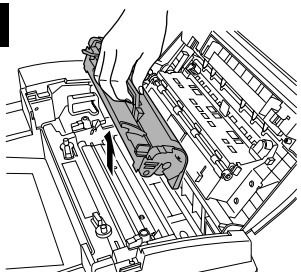

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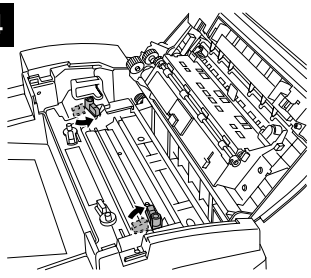

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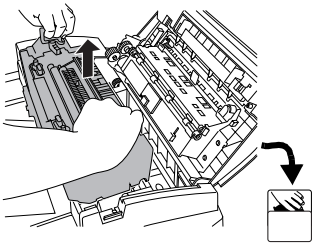

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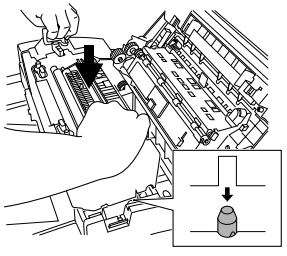

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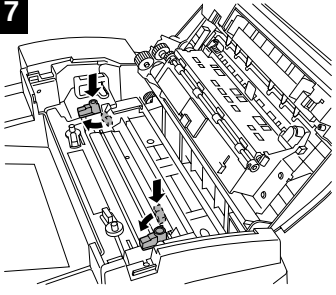

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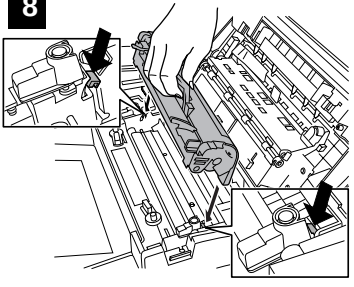

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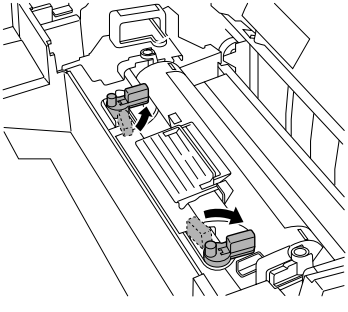
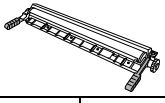


Replacing the Transfer Roller Unit



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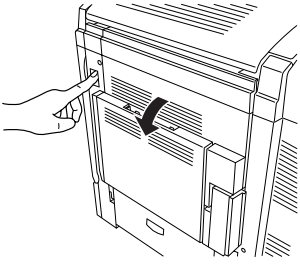

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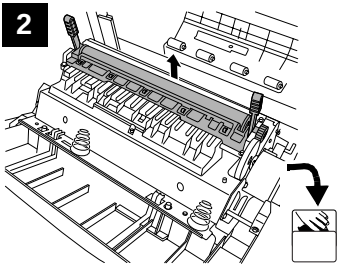

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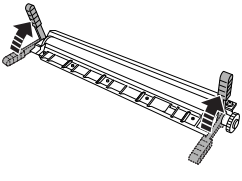

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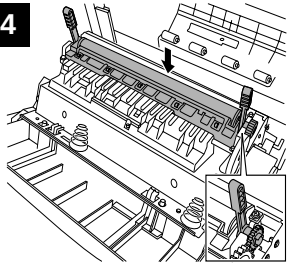

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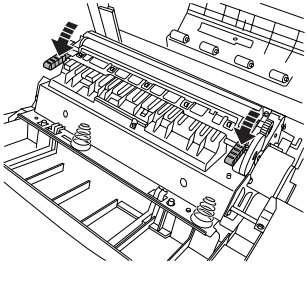
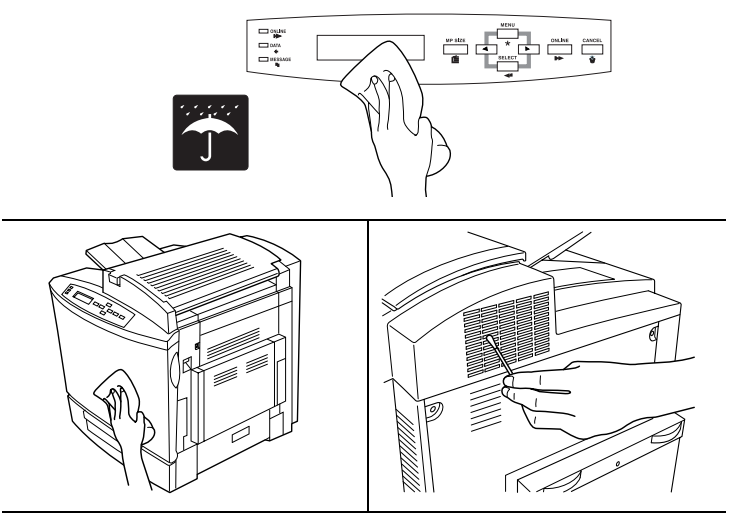


Cleaning

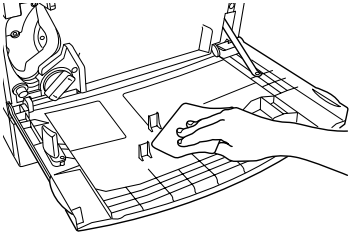
Clean the printer thoroughly every 30,000 single-sided pages or 12 months.

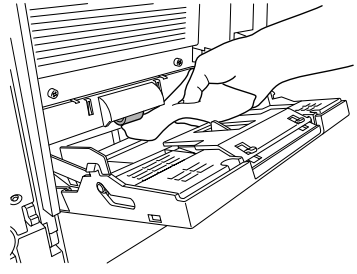
Use	Avoid
A soft **dry** cloth to clean the control panel	Sharp or rough implements (such as wire or plastic cleaning pads); any liquid
A soft **damp** cloth to clean the printer	Sharp or rough implements (such as wire or plastic cleaning pads)
Mild detergent to clean the printer	Abrasive or corrosive solutions that contain solvents (such as alcohol or benzine)

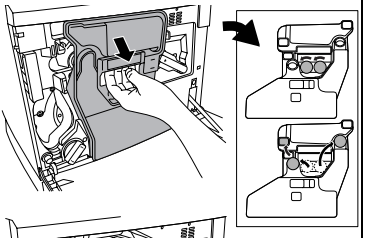
Printer Exterior

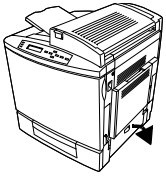


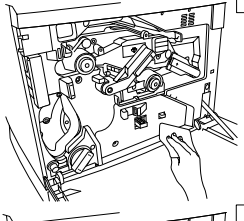
Printer Interior

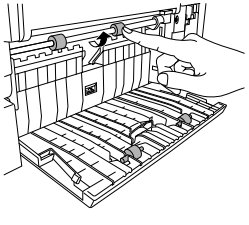


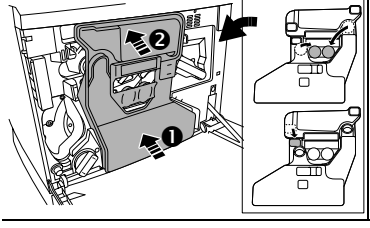


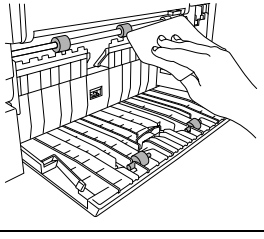












Laser Lens Cover